Target – To know the properties of a rectangle

M. Watson

(1)	A rectangle is a 3-D shape.	TRUE	FALSE
(2)	A rectangle is the same as an oblong.	TRUE	FALSE
(3)	A rectangle is a quadrilateral.	TRUE	FALSE
(4)	Rectangles have four equal sides.	TRUE	FALSE
(5)	Rectangles have four equal angles.	TRUE	FALSE
(6)	The angles in a rectangle are all right-angles.	TRUE	FALSE
(7)	Rectangles have two pairs of parallel sides.	TRUE	FALSE
(8)	The sides on either side of a right angle are perpendicular to one another.	TRUE	FALSE
(9)	It is not possible to bisect the angles in a rectangle.	TRUE	FALSE
(10)	If one bisects the angles in a rectangle, the lines meet in the centre of the shape.	TRUE	FALSE

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M. Watson

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(10)	If one bisects the angles in a rectangle, the lines meet in the centre of the shape.	TRUE	FALSE

Target – To know the side and angle properties of scalene, isosceles and equilateral triangles, and of rectangles

M. Watson

(1)	A triangle is a quadrilateral.	TRUE	FALSE
(2)	Equilateral triangles have three equal angles.	TRUE	FALSE
(3)	Scalene triangles have three different angles.	TRUE	FALSE
(4)	Isosceles triangles are 3-D shapes.	TRUE	FALSE
(5)	A rectangle has four vertices.	TRUE	FALSE
(6)	There are perpendicular lines in a triangle.	TRUE	FALSE
(7)	There are parallel lines in an oblong.	TRUE	FALSE
(8)	Isosceles triangles have three equal sides.	TRUE	FALSE
(9)	Rectangles are 2-D shapes.	TRUE	FALSE
(10)	Each vertex in a rectangle measures 90°.	TRUE	FALSE

Target – To know the side and angle properties of scalene, isosceles and equilateral triangles, and of rectangles

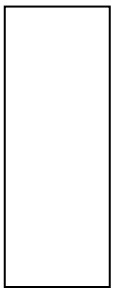
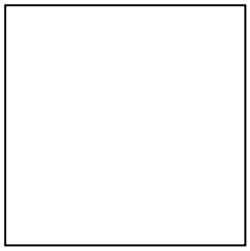
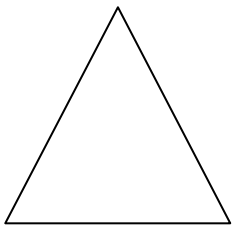
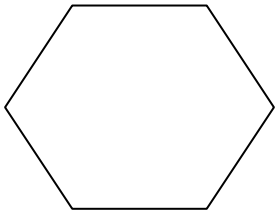
M. Watson

(1)	A triangle is a quadrilateral.	TRUE	FALSE
(2)	Equilateral triangles have three equal angles.	TRUE	FALSE
(3)	Scalene triangles have three different angles.	TRUE	FALSE
(4)	Isosceles triangles are 3-D shapes.	TRUE	FALSE
(5)	A rectangle has four vertices.	TRUE	FALSE
(6)	There are perpendicular lines in a triangle.	TRUE	FALSE
(7)	There are parallel lines in an oblong.	TRUE	FALSE
(8)	Isosceles triangles have three equal sides.	TRUE	FALSE
(9)	Rectangles are 2-D shapes.	TRUE	FALSE
(10)	Each vertex in a rectangle measures 90°.	TRUE	FALSE

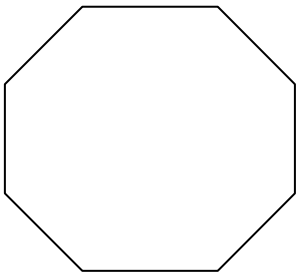
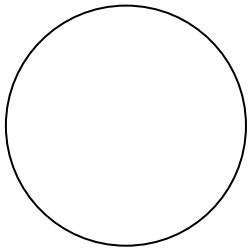
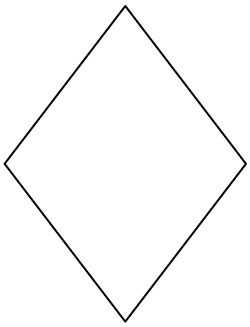
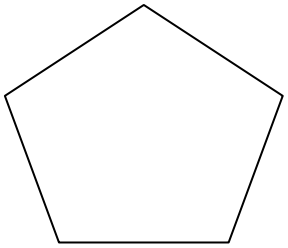
LO – To know the names and properties of 2-D shapes

M. Watson

rhombus	octagon	circle	hexagon
triangle	square	pentagon	rectangle

SHAPE	NAME	NUMBER OF SIDES	NUMBER OF CORNERS
			
			
			
			

rhombus	octagon	circle	hexagon
triangle	square	pentagon	rectangle

SHAPE	NAME	NUMBER OF SIDES	NUMBER OF CORNERS
			
			
			
			

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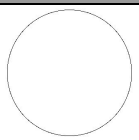
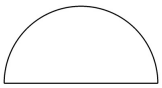
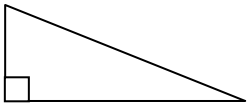
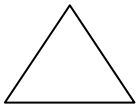
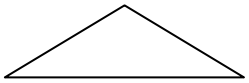
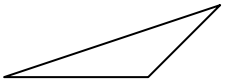
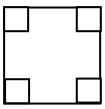
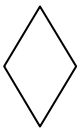
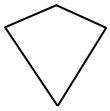
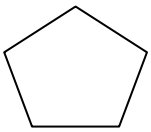
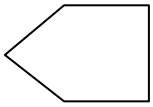
Number of sides / angles	Type of 2-D polygon	Subtypes	Illustration
1	**Circle**	**Circle**	
2	**Semi-circle**	**Semi-circle**	
3	Triangle	Right-angled Triangle	 1 right angle (90°)
		Equilateral Triangle	 3 equal sides and 3 equal angles
		Isosceles Triangle	 2 equal sides and 2 equal angles
		Scalene Triangle	 No equal sides and no equal angles
4	Quadrilateral	Square	 4 right angles (90°) 4 equal sides and 4 equal angles
		Rectangle / Oblong	4 right angles (90°)
		Parallelogram	
		Rhombus and Kite	 and 
		Trapezium	
5	Pentagon	Regular Pentagon	 5 equal sides and 5 equal angles
		Irregular Pentagon	

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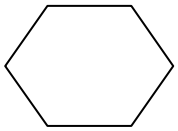
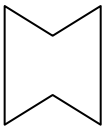
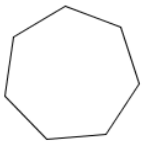
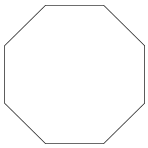
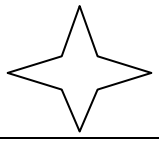
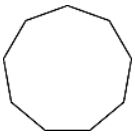
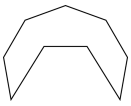
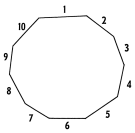
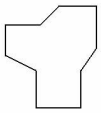
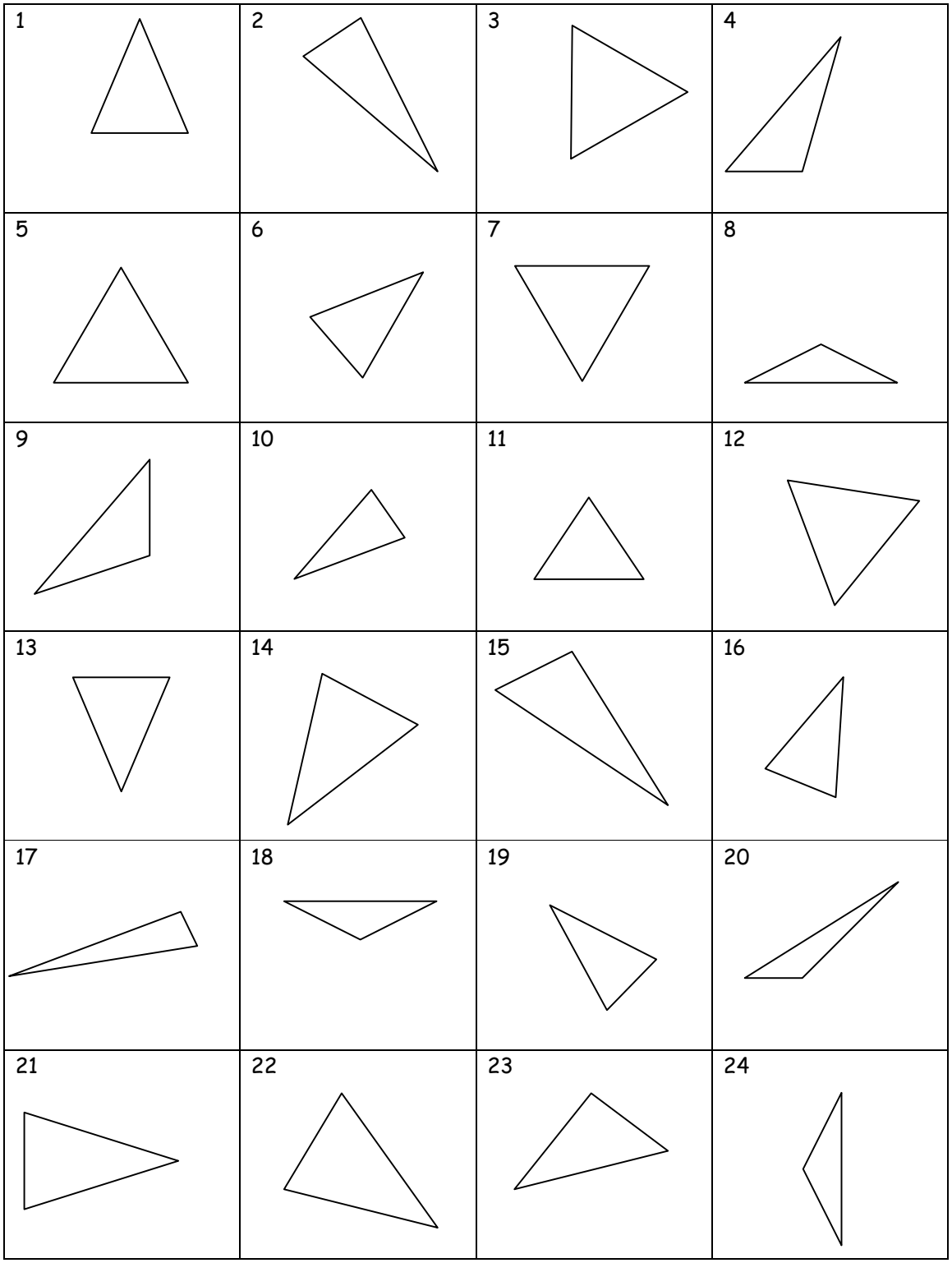
Number of sides / angles	Type of 2-D polygon	Subtypes	Illustration
6	Hexagon	Regular Hexagon	 6 equal sides and 6 equal angles
		Irregular Hexagon	
7	Heptagon	Regular Heptagon	 7 equal sides and 7 equal angles
		Irregular Heptagon	
8	Octagon	Regular Octagon	 8 equal sides and 8 equal angles
		Irregular Octagon	
9	Nonagon	Regular Nonagon	 9 equal sides and 9 equal angles
		Irregular Nonagon	
10	Decagon	Regular Decagon	 10 equal sides and 10 equal angles
		Irregular Decagon	

QUESTION: Which 2-D shape is a regular quadrilateral?

Target – To classify triangles (equilateral, isosceles, scalene)

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